

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE <div style="text-align: center;">J</div>		PAGE OF PAGES <div style="text-align: center;">1   8</div>	
2. AMENDMENT/MODIFICATION NO. <div style="text-align: center;">0003</div>		3. EFFECTIVE DATE <div style="text-align: center;">02-Mar-2004</div>		4. REQUISITION/PURCHASE REQ. NO. W42QQ4-4009-NB25		5. PROJECT NO.(If applicable)	
6. ISSUED BY USA CONTRACTING AGENCY SOUTHERN REGION FORT POLK DIRECTORATE OF CONTRACTING 1868 FIFTEENTH STREET PO DRAWER 3918 FORT POLK LA 71459-0918		CODE W9124E		7. ADMINISTERED BY (If other than item 6) POC: PENNY F. WITHERS PHONE: 337-531-2368 FAX: 337-531-2200 WITHERSP@POLK.ARMY.MIL FORT POLK LA 71459-0918		CODE F24A28	
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code)				X		9A. AMENDMENT OF SOLICITATION NO. W9124E-04-R-0002	
				X		9B. DATED (SEE ITEM 11) 27-Jan-2004	
						10A. MOD. OF CONTRACT/ORDER NO.	
						10B. DATED (SEE ITEM 13)	
CODE		FACILITY CODE					
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input checked="" type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. ACCOUNTING AND APPROPRIATION DATA (If required)							
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.							
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.							
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).							
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:							
D. OTHER (Specify type of modification and authority)							
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) To add scope of work and parts list and to extend solicitation to 16 March 2004.							
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
				TEL: _____ EMAIL: _____			
15B. CONTRACTOR/OFFEROR  _____ (Signature of person authorized to sign)		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA  BY _____ (Signature of Contracting Officer)		16C. DATE SIGNED  02-Mar-2004	

## SECTION SF 30 BLOCK 14 CONTINUATION PAGE

## SUMMARY OF CHANGES

## SECTION SF 1449 - CONTINUATION SHEET

The following have been added by full text:

PARTS LIST FOR UPS

<b>TAG #</b>	<b>Model</b>	<b>Serial</b>	<b>Description</b>	<b>Location</b>
1140843	UDC63040C25RT03	P21419	40 KVA UPS	MEARTS
1140844	UBPP0370H25JJ	P31281	BATTERY CAB	MEARTS
1140845	MB1C0050C25N	325005-1	MAINTENANCE BYP	MEARTS
1149853	VUS06CBL	4YY6900167	6 KVA UPS	4258 3RD FLR
1149854	VBSS061	4YW6900011	UPSTATION BATTERY	4258 3RD FLR
1149857	VUS06CBL	4YY6900166	6 KVA UPS	4258 4TH FLR
1149858	VBSS061	4YW6800033	UPSTATION BATTERY	4258 4TH FLR
1149860	VUS06CBL	4YY6900184	6 KVA UPS	RCVR SITE
1149861	VBSS061	4YW6800034	UPSTATION BATTERY	RCVR SITE
1158993	UDC63030C25RT03	P20791F	30 KVA UPS	FPN-66 RADAR
1158994	UBPP0270H25JJ	PR34699	BATTERY CAB	FPN-66 RADAR
1158995	MB1C0030C25L	337346-3	MAINTENANCE BYP	FPN-66 RADAR
1277474	37SA040C0C6B606	37-1781	NPOWER 30-50 40KVA	ETVS
1277476	37BP040XPJ1BNL	PR54678	SEALED BATTERY	ETVS
1277477	37MB0400CC61L	PR54674	MAINTENANCE BYP	ETVS
1283396	VUB06CBLA	4YY0A00078	6 KVA UPS	NORTH FORT

STATEMENT OF WORKS

**UNINTERRUPTIBLE POWER SYSTEMS**

**ALL SINGLE-PHASE MODELS**

(EXCLUDES NFINITY)

**SCOPE OF WORK**

Guarantee 4-hour on-site response, 7 days/week, 24 hours/day.

Includes 100% parts (including internal batteries) coverage.

Includes 100% labor and travel coverage 7 days/week, 24 hours/day.

Includes one Annual Preventive Maintenance Service scheduled by the customer between 8am-5pm, Monday-Friday (excluding national holidays).

**UPS Full Preventive Maintenance Service**

1. Using a multimeter, record the phase to phase and phase to neutral input voltages.
2. Perform a temperature check on all breakers, connections and associated controls. Repair and/or report all high temperature areas.
3. Perform a complete visual inspection of the equipment, including sub-assemblies, wiring harnesses, contacts, cables and major components.
4. Check all nuts, bolts, screws, and connectors for tightness and heat discoloration.
5. Inspect for broken, brittle, damaged, or heat stressed components and cables.
6. Clean any foreign material and dust from internal compartments.
7. Perform a status check of alarm circuits.
8. Perform an operational test of the system including unit transfer and battery discharge.
9. Install or perform Engineering Field Change Notices (FCN) as necessary.
10. Check PFC Frequency and adjust as necessary.
11. Return the system to normal load and verify the output voltage. Calibrate as necessary.
12. Review system performance with customer to address any system questions

**Battery Full Preventive Maintenance Service**

1. Check integrity of battery cabinet.
2. Visually inspect battery system for: Swelling, leaks, loose foreign objects, overheated or corroded cables and connectors, loose connections on batteries, and appropriate product labels related to safety and warning hazards.
3. Clean and neutralize cell tops as required.
4. Tighten all battery terminal connections to their proper specifications.
5. Measure and record DC bus ripple voltage.
6. Measure and record total battery float voltage.
7. Record room ambient temperature.

## **UNINTERRUPTIBLE POWER SYSTEMS ALL 3-PHASE MODELS SCOPE OF WORK**

Guarantee 4-hour on-site response, 7 days/week.

Includes 100% parts (excluding batteries and air filters) coverage.

Includes 100% labor and travel coverage 7 days/week, 24 hours/day.

Includes one Semi-Annual and one Annual Preventive Maintenance Service scheduled by the customer between 8am-5pm, Monday-Friday (excluding national holidays).

### **UPS Full Preventive Maintenance Service Semi-Annual Service**

1. Perform a temperature check on all breakers, connections, and associated controls. Repair and/or report all high temperature areas.
2. Perform a complete visual inspection of the equipment including subassemblies, wiring harnesses, contacts, cables, and major components. Check air filters for cleanliness.
3. Check module(s) completely for the following (if applicable):
4. Rectifier and inverter snubber boards for discoloration.
5. Power capacitors for swelling or leaking oil.
6. DC capacitor vent caps that have extruded more than 1/8".
7. Record all voltage and current meter readings on the module control cabinet or the system control cabinet.
8. Measure and record harmonic trap filter currents.

### **Annual Service Includes the Above, Plus**

9. Check the inverter and rectifier snubbers for burned or broken wires.
10. Check all nuts, bolts, screws, and connectors for tightness and heat discoloration.
11. Check fuses on the DC capacitor deck for continuity (if applicable).
12. With customer approval, perform operational test of the system including unit transfer and battery discharge.
13. Calibrate and record all electronics to system specifications.
14. Install or perform Engineering Field Change Notices (FCN) as necessary.
15. Measure and record all low-voltage power supply levels.
16. Measure and record phase-to-phase input voltage and currents.
17. Review system performance with customer to address any questions and to schedule any repairs.

### **Battery Inspection Service - Performed During the UPS Semi-Annual and Annual PM Services**

1. Check integrity of battery cabinet (if applicable).
2. Visual inspection of the battery cabinet and/or room to include:
  - Check for NO-OX grease or oil on all connections (if applicable).
  - Check for corrosion on all the terminals and cables.
  - Examine the physical cleanliness of the battery room and batteries.
3. Measure and record DC bus ripple voltage (if applicable).
4. Measure and record total battery float voltage.

## **UNINTERRUPTIBLE POWER SYSTEMS PERIPHERALS**

MAINTENANCE BYPASS CABINET  
LOAD BUS SYNC  
POWER TIE  
SYSTEM CONTROL CABINET  
SLIM LINE DISTRIBUTION CABINET

### **SCOPE OF WORK**

Guarantee 4-hour on-site response, 7 days/week.

Includes 100% parts (excluding circuit breakers) coverage.

Includes 100% labor and travel coverage 7 days/week, 24 hours/day.

Includes one Annual Preventive Maintenance Service scheduled by the customer between 8am-5pm, Monday-Friday (excluding national holidays).

### **Full Preventive Maintenance Service**

1. Complete visual inspection of the equipment including internal sub-assemblies, wiring harnesses, contactors, cables, and major components.
2. Check all mechanical connections for tightness and heat discoloration, making corrections where necessary.
3. Clean any foreign material and dust from internal compartments.
4. Perform a status check of all alarm circuits (if applicable).
5. Calibration of the equipment to meet manufacturer's specifications (if applicable).
6. Operational checkout of the system to include transfers and proper status indications.
7. Install or perform Engineering Field Change Notices (FCN) as necessary.
8. Return unit to operational service with normal load then measure and verify display indications.

## SEALED VRLA BATTERIES SCOPE OF WORK

Guarantee 4-hour on-site response, 7 days/week, 24 hours/day.

Includes parts, labor and batteries as required - up to 10% of the battery string per year (not accumulated over contract term).

Includes battery recycling as required, with documentation meeting EPA requirements.

Includes 100% corrective labor and travel coverage 7 days/week, 24 hours/day.

Preventive Maintenance Service scheduled by the customer between 8am-5pm, Monday-Friday (excluding national holidays).

For 3-Phase UPS systems, includes three Quarterly and one Annual PM.

### **Quarterly Service**

1. Inspect the appearance and cleanliness of the battery and the battery room. Clean normal cell top dirt accumulation (to be done only with battery off line).
2. Measure and record the total battery float voltage and charging current.
3. Visually inspect the batteries for cracks and leakage.
4. Visually inspect for evidence of corrosion.
5. Measure and record the ambient temperature.
6. Verify the condition of the ventilation equipment, if applicable.
7. Verify the integrity of the battery rack/cabinet.
8. Randomly measure and record 10% cell temperatures.
9. Measure and record the float voltage of all cells.
10. Measure and record all internal impedance readings.

11. Provide a detailed written report noting any deficiencies and corrective action needed, taken and/or planned.
12. Verify approval for Battery Life program.

**Annual Service Includes the Above, Plus**

13. Re-tighten all battery connections to the battery manufacturer's specifications.
14. Measure and record all battery connection resistances in micro-ohms, when applicable.

**Corrective Maintenance Performed as Required**

Refurbish cell connections as deemed necessary.

(End of Summary of Changes)